## **EAST Search History**

## **EAST Search History (Prior Art)**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("5592618" "7013372"). pn.	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L2	0	"10758484".ap.	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L3	7	"758484".ap.	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L4	17	((backup back-up) and synchronous\$2 and asynchronous\$2 and (update (consistency adj2 group))).clm.	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L5	24	("6122629").URPN.	USPAT	OR	ON	2009/08/03 10:13
L6	7	"758484".ap.	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L7	617	consistency adj2 group	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L8	210	L7 and "711".clas.	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L9	0	"5592618.pn" and L7	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L10	1	"5592618".pn. and L7	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L11	1	L10 and synchronous	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L12	1	L11 and asynchronous	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L13	114	L8 and synchronous\$2 and asynchronous\$2	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L14	70	(consistency adj2 group) with asynchronous\$2	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L15	314	711/162,154.ccls. and asynchronous\$2 near5 (batch update request)	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L16	7	"758484".ap.	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L17	2317797	asynchronous\$2 with consistency groups	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13

L18	70	asynchronous\$2 with consistency adj2 groups	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L19	117	asynchronous\$2 with ((group set) near3 updat\$3)	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L20	57	L19 and ("711" "707"). clas.	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L21	4086	asynchronous\$2 with (updat\$3)	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L22	7	"733302".ap.	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L23	8	incremental near3 updat \$3 same (any near3 order\$3)	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L24	14	incremental near3 updat \$3 same (order\$3 near5 (sent applied))	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L25	1	"10/758484"	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L26	1	"5592618".pn.	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L27	14	consistency near3 group same (updates writes) with (any near4 order)	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L28	8	consistency near3 group same independent near5 (updates writes)	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L29	2	"20030101321"	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L30	236	order\$3 with snapshot with updat\$3	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L31	168	order\$3 with snapshot with updates	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L32	84	consistency near4 group \$3 and snapshot with updates	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L33	1	"11/118422"	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L34	2	"11/953194"	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L35	44	consistency near3 group same synchronous\$2 same asynchronous\$2	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13

L36	43	snapshot with (write update) with asynchronous\$2	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L37	1	"10/758484"	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L38	32	snapshot near4 request near3 number	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L39	126	assign\$4 near5 snapshot near4 number	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L40	693	snapshot same update with (applications processes thread programs)	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L41	4	snapshot same update with (many numerous plural plurality) near3 (applications processes thread programs)	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L42	13	snapshot same write with (many numerous plural plurality) near3 (applications processes thread programs)	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L43	15	snapshot with number with count\$2 with (write updates)	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L44	60	snapshot with count\$2 with (write updates)	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L45	45	L44 not L43	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L46	261	snapshot with number with (write updates)	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L47	99	snapshot with number near3 (write updates)	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L48	105	L47 not12	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L49	96	L47 not "1212"	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L50	89	L47 not L43	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L51	1	"11/228192"	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L52	103	boot same MSB (most adj2 significat)	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L53	2	("6366748" "6192408"). pn.	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13

L54	1	("63667487" "6192408").pn.	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L55	2	("6366487" "6192408"). pn.	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L56	0	(dual-chip muli-chip) near4 package and (msb (most adj2 significant)) and boot	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L57	2	(dual-chip muli-chip) near4 package and (msb (most adj2 significant))	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L58	0	(dual-chip muli-chip) and (msb (most adj2 significant)) and boot	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L59	7	"20020133512" "20030101321" "20030061366" "20030182313"	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L60	1	"10/758484"	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L61	0	lazy and S20-28	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L62	0	lazy and S20-58	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L63	0	lazy and S1-S58	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L64	2	lazy and "S158"	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L65	2	"20030182313" and asynch\$9 with snapshot	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L66	295	asynch\$9 with snapshot	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L67	2	asynch\$9 with snapshot same (bitmap bit-map)	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L68	95	asynch\$9 with snapshot and (bitmap bit-map)	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L69	10	asynch\$9 with snapshot and (bitmap bit-map) same asynch\$9	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L70	78	asynch\$9 with snapshot and (bitmap bit-map) with snapshot	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L71	2	"7296125".pn. "6549992".pn.	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L72	29	snapshot same consistency adj2 group	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13

L73	3	snapshot same predetermined with number with update	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L74	1	creat\$3 with new near3 snapshot same (predetermined near5 update)	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L75	273	snapshot same (predetermined near5 (update amount count number))	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L76	22	creat\$ near5 snapshot same (predetermined near5 (update amount count number))	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L77	15	creat\$ near5 (point-in- time pit adj2 copy point adj time)same (predetermined near5 (update amount count number))	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L78	12	new near4 snapshot same (predetermined near5 (update amount count number))	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L79	9	new near4 snapshot same ((amount count number) near3 update)	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L80	19	new near5 (snapshot snap-shot) same (amount number count) near5 (threshold predetermined)	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L81	1090	(creat\$3 generat\$3) near5 (snapshot snap- shot) same (amount number count)	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L82	282	(creat\$3 generat\$3) near5 (snapshot snapshot) same (amount number count) near5 (update data)	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L83	207	L82 and ("711" "707"). clas.	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L84	95	(creat\$3 generat\$3) near5 (snapshot snapshot) with (amount number count) near5 (update data)	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13

L85	1	("7111026").URPN.	USPAT	OR	ON	2009/08/03 10:13
L86	15	("20020064149"   "20020133512"   "20030101321"   "20030208511"   "20030221075"   "20040024845"   "20040044744"   "20040117572"   "20040250029"   "6076148"   "6397229"   "6594744"   "6604118"   "6678809"   "6799189").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/03 10:13
L87	1	"7296125".pn.	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L88	1	"5937414".pn.	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L89	51	(management and table and logical and unit and performance and information).clm.	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L90	4	(management and table and logical and unit and performance and information and controller and virtual).	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L91	103	(shane and thomas).xa.	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L92	1	"20030079102"	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L93	4	hash\$3 with (volume lun) near2 number with (LBN logical adj2 address)	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L94	14	hash\$3 with (volume lun) with (LBN logical adj2 address)	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L95	10	L94 not L93	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L96	129	hash\$3 with (LBN logical adj2 address)	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L97	6	hash\$3 with (LBN lbalogical adj2 address)	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L98	180	hash\$3 with (LBN lba logical adj2 address)	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13

L99	124	L98 and ("711".clas.)	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L100	129	hash\$3 with (LBN lba logical adj2 address) and map\$5	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L101	580186	hash\$3 with (LBN lba logical adj2 address) sa, e map\$5	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L102	60	hash\$3 with (LBN lba logical adj2 address) same map\$5	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13
L103	1	"11/386514"	US-PGPUB; USPAT	OR	ON	2009/08/03 10:13

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